



Scientific & Technical Information Center

Search Report

EIC 3700

STIC Database Tracking Number: 2471

To: JAMES SWIGER III
Location: RND-6C35
Art Unit: 3733
Wednesday, January 16, 2008

Case Serial Number: 10/671820

From: TERRI BEALE
Location: EIC3700
RND-8B31 / RND-8B31
Phone: (571)272-8324

terrijor.beale@uspto.gov

Search Notes

Attached please find the results of your prior art search. I have highlighted items of interest. Please feel free to contact me if you have additional questions or concerns.

EIC 3700 welcomes your feedback and would be particularly interested in knowing if you use any of these references in an office action. If you have a moment, please let us know which references you use.

Thank you and have a great day.

A handwritten signature in black ink that reads "Terri Beale".

NonPatent Literature Full text

File 9:Business & Industry(R) Jul/1994-2008/Jan 15
(c) 2008 The Gale Group

File 16:Gale Group PROMT(R) 1990-2008/Jan 08
(c) 2008 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group

File 148:Gale Group Trade & Industry DB 1976-2008/Jan 03
(c) 2008 The Gale Group

File 621:Gale Group New Prod.Annou.(R) 1985-2008/Jan 02
(c) 2008 The Gale Group

File 441:ESPICOM Pharm&Med DEVICE NEWS 2008/May W2
(c) 2008 ESPICOM Bus.Intell.

File 149:TGG Health&Wellness DB(SM) 1976-2008/Dec W5
(c) 2008 The Gale Group

File 15:ABI/Inform(R) 1971-2008/Jan 14
(c) 2008 ProQuest Info&Learning

File 624:McGraw-Hill Publications 1985-2008/Jan 15
(c) 2008 McGraw-Hill Co. Inc

File 635:Business Dateline(R) 1985-2008/Jan 12
(c) 2008 ProQuest Info&Learning

File 636:Gale Group Newsletter DB(TM) 1987-2008/Jan 15
(c) 2008 The Gale Group

File 135:NewsRx Weekly Reports 1995-2008/Jan W2
(c) 2008 NewsRx

File 98:General Sci Abs 1984-2007/Dec
(c) 2007 The HW Wilson Co.

Set Items Description

S1 338567 BONE? ? OR FEMUR? ? OR FIBULA? ? OR PATELLA? ? OR TIBIA?

S2 9933101 STRETCH??? OR EXPAND? ? OR EXPANS? ? OR EXTEND? ? OR SPREAD? ? OR ENLARG? ? OR (OPEN OR FAN)()OUT OR OUTSPREAD?

S3 6742380 OPENING? ? OR HOLE? ? OR VENT? ? OR APERTURE? ? OR ORIFICE? ? OR PERFORAT??? OR GAP? ? OR PIERCE? ? OR SLIT OR SLITS OR - SLOT OR SLOTS OR INLET? ? OR OUTLET? ? OR CAVITY OR CAVITIES OR SPACE? ? OR SPLIT? ? OR SPACE? ? OR SPACING

S4 377984 S3(3N)(CREAT??? OR CREATION OR MADE OR MAKE? ? OR CAUSE? ? OR FORM??? OR GENERATE? ? OR START??? OR PRODUCE OR PRODUCING OR PRODUCTI?? OR CONSTRUCT???)

S5 24624741 AREAS OR COMPONENT? ? OR COMPOS? ? OR ELEMENT? ? OR FACET? ? OR MEMBER? ? OR MODULE? ? OR PART OR PARTICLE? ? OR PARTS OR - PIECE? ? OR PORTION? ? OR REGION? ? OR SECTION? ? OR SECTORS - OR SEGMENT? ? OR UNIT? ?

S6 3515898 (THREE OR 3 OR MULTI OR MULTIPLE OR PLURAL OR PLURALITY OR MULTIPLE? ? OR MULTI OR MULTIPLICITY OR SEVERAL OR MORE OR SOME OR FEW OR NUMEROUS OR MANY)(3N)S5

S7 119649 S6(5N)(CONNECT??? OR JOIN??? OR LINK??? OR FASTEN??? OR UNITED OR COMBIN? ? OR UNIFIED)

S8 1078 S1(50N)S4
S9 2 S8(100N)S7
S10 2 RD (unique items)
S11 2 S9 NOT PY=2003:2008
S12 1521 S1(100N)S4
S13 2 S12(100N)S7
S14 0 S13 NOT S11
S15 4200 S1(3N)S2
S16 7 S15(100N)S7
S17 4 RD (unique items)
S18 3 S17 NOT PY=2003:2008
S19 3 S18 NOT S11
?

11/3,K/1 (Item 1 from file: 149)

DIALOG(R)File 149:TGG Health& Wellness DB(SM)
(c) 2008 The Gale Group. All rts. reserv.

02108434 SUPPLIER NUMBER: 92522889 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Osteoarthritis and MR imaging. (Directed Reading).

Ott, Katherine; Montes-Lucero, Jeannett

Radiologic Technology, 74, 1, 25(21)

Sept-Oct,

2002

PUBLICATION FORMAT: Magazine/Journal; Refereed ISSN: 0033-8397

LANGUAGE: English RECORD TYPE: Fulltext; Abstract TARGET AUDIENCE:
Professional; Trade

WORD COUNT: 10164 LINE COUNT: 00909

... joint usually is made of titanium, cobalt chrome and plastic and is fixed to existing **bone** with acrylic cement. Hip and knee arthroplasty are the most common procedures, with a 90...

...replacements alter 10 years. (15)

(FIGURE 10 OMITTED)

* Osteotomy. Osteotomy involves cutting and repositioning the **bone** to correct misalignment of the joint and to re- **create** cartilage **space**. The goal is to reduce the stress placed on the weakest area of the **joint** and transfer the load to **areas** with **more** stable cartilage. (15)

Other experimental surgical procedures include implanting growth factor, chondrocytes, mesenchymal stem cells...

11/3,K/2 (Item 1 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2008 The Gale Group. All rts. reserv.

01044819 Supplier Number: 40523767 (USE FORMAT 7 FOR FULLTEXT)

FIBRE REINFORCEMENT OF BONE CEMENTS

Biomedical Polymers, v4, n6, pN/A

Oct, 1988

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1657

... involves inserting fibres as a rigid preform which is then infiltrated by cement in the **bone cavity**; **forming** the composite in situ. A metal wire mesh is used, and the final composite can...

...the use, the system has the advantage that fibres can be placed accurately within the **joint**, with **more** fibres at **regions** of higher stress, where they are needed.

Greater improvements have been demonstrated with carbon fibre...

19/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2008 The Gale Group. All rts. reserv.

04474138 Supplier Number: 46567881 (USE FORMAT 7 FOR FULLTEXT)
Inhale Therapeutic Systems Announces Second Quarter 1996 Financial Results; Calcitonin Enters Phase I Trial.
Business Wire, p07240216
July 24, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1084

... in which localized areas of bone become hyperactive and are replaced by a softened and **enlarged bone** structure. About 3% of Caucasian people in the United States over age 40 have Paget...

...patients.

Corporate Update
In addition to starting the calcitonin trial, the company made progress in **several areas** during the quarter. In **connection** with a previously announced broad collaborative agreement, on April 9, 1996, Baxter made a \$20...

19/3,K/2 (Item 1 from file: 149)
DIALOG(R)File 149:TGG Health&Wellness DB(SM)
(c) 2008 The Gale Group. All rts. reserv.

01829395 SUPPLIER NUMBER: 54419021 (USE FORMAT 7 OR 9 FOR FULL TEXT)
What You Need To Know About Kidney Cancer.(Pamphlet)
Pamphlet by: National Cancer Institute, 1(1)
June 15,
1996
DOCUMENT TYPE: Pamphlet PUBLICATION FORMAT: Pamphlet LANGUAGE: English
RECORD TYPE: Fulltext TARGET AUDIENCE: Consumer
WORD COUNT: 6765 LINE COUNT: 00548

... the lungs. Bone scans reveal changes that may be a sign that the cancer has **spread** to the **bones**.

Treatment
Treatment for kidney cancer depends on the stage of the disease, the patient's...

...arterial embolization is used. The doctors may decide to use one treatment method or a **combination** of methods.

Some people take **part** in a clinical trial (research study) using new treatment methods. Such studies are designed to...

19/3,K/3 (Item 2 from file: 149)

DIALOG(R)File 149:TGG Health&Wellness DB(SM)

(c) 2008 The Gale Group. All rts. reserv.

01243240 SUPPLIER NUMBER: 09279241 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Hind limbs of Eocene *Basilosaurus*: evidence of feet in whales.

Gingerich, Philip D.; Smith, B. Holly; Simons, Elwyn L.

Science, v249, n4965, p154(4)

July 13,

1990

PUBLICATION FORMAT: Magazine/Journal ISSN: 0036-8075 LANGUAGE: English

RECORD TYPE: Fulltext TARGET AUDIENCE: Academic

WORD COUNT: 2234 LINE COUNT: 00210

... knee of *Basilosaurus* indicates a single alternative to its posture at rest. A downwardly rotated **femur**, **extended** locked knee, abducted hip, and dorsiflexed ankle are shown in open outline in Fig. 1...

...land. However, maintenance of some function is likely for several reasons: most bones are present; **some elements** are fused, but remaining **joints** are well formed with little suggestion of degeneracy; the patella and calcaneal tuber are large...

?

Foreign Patent Abstracts

File 347:JAPIO Dec 1976-2007/Jul(Updated 071031)

(c) 2007 JPO & JAPIO

File 350:Derwent WPIX 1963-2008/UD=200803

(c) 2008 The Thomson Corporation

File 371:French Patents 1961-2002/BOPI 200209

(c) 2002 INPI. All rts. reserv.

Set Items Description

S1 86337 BONE? ? OR FEMUR? OR FIBULA? OR PATELLA? OR TIBIA?

S2 2625237 STRETCH??? OR EXPAND? OR EXPANS? OR EXTEND? OR SPREAD? OR

ENLARG? OR (OPEN OR FAN)()OUT OR OUTSPREAD?

S3 5972567 OPENING? ? OR HOLE? ? OR VENT? ? OR APERTURE? ? OR ORIFICE? ? OR PERFORAT??? OR GAP? ? OR PIERCE? ? OR SLIT OR SLITS OR - SLOT OR SLOTS OR INLET? ? OR OUTLET? ? OR CAVITY OR CAVITIES OR SPACE? OR SPLIT? OR SPACE? ? OR SPACING

S4 1262403 S3(3N)(CREAT??? OR CREATION OR MADE OR MAKE? ? OR CAUSE? ? OR FORM??? OR GENERATE? ? OR START??? OR PRODUCE OR PRODUCING OR PRODUCTI?? OR CONSTRUCT???)

S5 15672500 AREAS OR COMPONENT? ? OR COMPOS? OR ELEMENT? ? OR FACET? ?
OR MEMBER? ? OR MODULE? ? OR PART OR PARTICLE? ? OR PARTS OR - PIECE? ? OR PORTION? ? OR REGION? ? OR SECTION? ? OR SECTORS - OR SEGMENT? ? OR UNIT? ?

S6 2299293 (THREE OR 3 OR MULTI OR MULTIPLE OR PLURAL OR PLURALITY OR MULTIPLE? OR MULTI OR MULTIPLICITY OR SEVERAL OR MORE OR SOME OR FEW OR NUMEROUS OR MANY)(3N)S5

S7 247457 S6(5N)(CONNECT??? OR JOIN??? OR LINK??? OR FASTEN??? OR UN- ITED OR COMBIN? OR UNIFIED)

S8 828 S1 AND S3 AND S7

S9 385 S8 AND S2

S10 8823 S1(5N)S3

S11 342 S10 AND S7

S12 188 S11 AND S2

S13 1004 S10(5N)S2

S14 51 S13 AND S7

S15 10 S13(15N)S7

S16 12 S13(25N)S7

S17 11 S16 NOT AY=2003:2008

S18 44000 S2(3N)S4

S19 201 S18(5N)S7

S20 0 S19 AND S1

S21 489 S18(25N)S7

S22 4 S21 AND S1

S23 3 S22 NOT S17

S24 2 S23 NOT AY=2003:2008

S25 1421 AU=(JONES, M? OR JONES M?)

S26 12 S25 AND S1

S27 5 S26 NOT AY=2003:2008
?

17/3,K/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2008 The Thomson Corporation. All rts. reserv.

0014162819 - Drawing available

WPI ACC NO: 2004-347832/200432

XRAM Acc No: C2004-132286

Prosthesis e.g. femoral prosthesis, has stem segments having longitudinal length greater than groove and transverse grooves having different longitudinal length such that stiffness of stem varies from proximal to distal ends

Patent Assignee: LEWALLEN D G (LEWA-I); MAYO FOUND MEDICAL EDUCATION & RES

(MAYO-N)

Inventor: LEWALLEN D G

Patent Family (2 patents, 1 countries)

Patent Application

Number Kind Date Number Kind Date Update

US 20040088056 A1 20040506 US 2002287113 A 20021104 200432 B

US 6887278 B2 20050503 US 2002287113 A 20021104 200530 E

Priority Applications (no., kind, date): US 2002287113 A 20021104

Patent Details

Number Kind Lan Pg Dwg Filing Notes

US 20040088056 A1 EN 10 3

Original Publication Data by Authority

Claims:

...the prosthesis comprising:a body; anda stem fastened to the body at a proximal end and extending longitudinally away from the body to form a distal end, the stem comprising an elongated core and a plurality of segments extending outward from the core, the core and the segments consisting essentially of a microstructurally...

17/3,K/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2008 The Thomson Corporation. All rts. reserv.

0013514662 - Drawing available

WPI ACC NO: 2003-607530/200357

XRPX Acc No: N2003-484514

Expandable bone fastener for attaching substrate to bone, has expansion pin with barbed portion set within axial bore of outer tubular body and consists of two elastically deformable barbs projecting into slots of tubular body

Patent Assignee: ENAYATI A (ENAY-I)

Inventor: ENAYATI A

Patent Family (2 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 20030144667	A1	20030731	US 200257529	A	20020125	200357 B
US 6689135	B2	20040210	US 200257529	A	20020125	200413 E

Priority Applications (no., kind, date): US 200257529 A 20020125

Patent Details

Number Kind Lan Pg Dwg Filing Notes

US 20030144667 A1 EN 4 12

Original Publication Data by Authority

Original Abstracts:

...expansion pin slidably mounted within the axial bore. The tubular outer body portion of the **expandable bone fastener** has a **plurality of** longitudinal **slots** in the wall thereof to allow the expansion and retraction of the expansion pin's...

...slidably mounted within the axial bore. The tubular outer body portion of the expandable bone **fastener** has a **plurality of** longitudinal **slots in the wall** thereof to allow the **expansion** and retraction of the expansion pin's barbs into or out of the surrounding bone...

17/3,K/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2008 The Thomson Corporation. All rts. reserv.

0012941420 - Drawing available

WPI ACC NO: 2003-018095/200301

XRPX Acc No: N2003-013968

Retainer of bone portions e.g. spinal vertebrae, has clamping piece which engages second end of fastener and connecting ring to connect and position ring and fastener in multiple angular positions

Patent Assignee: ENDIUS INC (ENDI-N)

Inventor: DIPOTO G P; SHLUZAS A E

Patent Family (2 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
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US 20020143328	A1	20021003	US 2001821666	A	20010329	200301 B
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US 6641583	B2	20031104	US 2001821666	A	20010329	200374 E
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Priority Applications (no., kind, date): US 2001821666 A 20010329

Patent Details

Number Kind Lan Pg Dwg Filing Notes

US 20020143328 A1 EN 14 10

Original Publication Data by Authority

Original Abstracts:

...slot (50). A fastener (16) engageable with a bone portion has an end portion (26) **extending** through the elongate **slot** (50). A connecting ring (42) connects the member (12) to the fastener (16). The connecting ring (42) is **positionable** in any one of a **plurality of** positions along the elongate slot (50). The connecting ring (42) has a passage (54) through which the end portion (26) of...

Claims:

...said member; a connecting ring for connecting said member to said fastener, said connecting ring **extending** into said **opening** in **said** member, said connecting ring having a passage with a longitudinal axis through which said second end portion of said fastener extends, said fastener being **positionable** in **any one of a plurality of** angular positions **relative to said connecting** ring so that said longitudinal axis of said fastener extends at any one of a...

17/3,K/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2008 The Thomson Corporation. All rts. reserv.

0009658163 - Drawing available

WPI ACC NO: 1999-611145/199952

XRPX Acc No: N1999-450296

Surgical fixation device for sutureless attachment of soft tissue to bone

Patent Assignee: AXYA MEDICAL INC (AXYA-N)

Inventor: FENTON P V

Patent Family (6 patents, 23 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
WO 1999052478	A1	19991021	WO 1999US8043	A	19990413	199952 B
AU 199934925	A	19991101	AU 199934925	A	19990413	200013 E
US 6056751	A	20000502	US 199861473	A	19980416	200029 E
EP 1071386	A1	20010131	EP 1999916660	A	19990413	200108 E
			WO 1999US8043	A	19990413	
AU 739780	B	20011018	AU 199934925	A	19990413	200174 E
JP 2002511308	W	20020416	WO 1999US8043	A	19990413	200242 E
			JP 2000543091	A	19990413	

Priority Applications (no., kind, date): US 199861473 A 19980416

Patent Details

Number Kind Lan Pg Dwg Filing Notes

WO 1999052478 A1 EN 22 14

National Designated States,Original: AU CA JP

Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE

IT LU MC NL PT SE

AU 199934925 A EN Based on OPI patent WO 1999052478

EP 1071386 A1 EN PCT Application WO 1999US8043

Based on OPI patent WO 1999052478

Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE
IT LI LU MC NL PT SE

AU 739780 B EN Previously issued patent AU 9934925

Based on OPI patent WO 1999052478

JP 2002511308 W JA 23 PCT Application WO 1999US8043
Based on OPI patent WO 1999052478

Original Publication Data by Authority

Claims:

...soft tissue to bone, the assembly comprising:a bone anchor element extending along an axis **and** adapted for installation into a **hole** in a **bone** **and** including an **anchor** portion at a leading end and a drive portion at a drive end;a joiner element extending along an axis; **and one or more** energy directing **members** extending axially on at least one of the anchor element and the joiner element for...

17/3,K/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2008 The Thomson Corporation. All rts. reserv.

0009631365 - Drawing available

WPI ACC NO: 1999-582661/199950

XRPX Acc No: N1999-430453

Implant with cage structure for joining together vertebrae in spinal column

Patent Assignee: MEDINORM MEDIZINTECHNISCHE PROD AG (MEDI-N)

Inventor: WEILAND P; WILKE H; WILKE H J; WILKE H P

Patent Family (4 patents, 27 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
EP 951879	A2	19991027	EP 1999106986	A	19990409	199950 B
DE 19818143	A1	19991028	DE 19818143	A	19980423	199951 E
JP 11347056	A	19991221	JP 1999134606	A	19990407	200010 E
US 6371987	B1	20020416	US 1999293406	A	19990416	200232 E

Priority Applications (no., kind, date): DE 19818143 A 19980423

Patent Details

Number Kind Lan Pg Dwg Filing Notes

EP 951879 A2 DE 9 8

Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR
IE IT LI LT LU LV MC MK NL PT RO SE SI

JP 11347056 A JA 7

Original Publication Data by Authority

Claims:

...and spacer wings projecting from the connecting portion and adapted to be placed against hard **bone** tissue, wherein the **spacer** wings **extend** diametrically from the connecting portion, and wherein each of the sides adapted to be placed against exposed soft bone tissue has a **plurality of** opening **slots** adapted to be penetrated by **bone** tissue, the **opening slots** having **longitudinal** axes, the longitudinal axes extending transversely of the axis of symmetry.

17/3,K/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2008 The Thomson Corporation. All rts. reserv.

0008623765 - Drawing available

WPI ACC NO: 1998-160374/199815

XRPX Acc No: N1998-127503

Dental implant for single or total etc. dentures - comprises screw or otherwise joined primary and secondary implants of specified diameter possibly via smoothly interposed implant

Patent Assignee: VELTEN P (VELT-I)

Inventor: VELTEN P

Patent Family (5 patents, 22 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
DE 19635619	A1	19980305	DE 19635619	A	19960903	199815 B
WO 1998009581	A2	19980312	WO 1997DE1884	A	19970827	199817 E
AU 199742945	A	19980326	AU 199742945	A	19970827	199832 E
EP 1006926	A2	20000614	EP 1997918915	A	19970827	200033 E
			WO 1997DE1884	A	19970827	
AU 200189272	A	20020124	AU 199742945	A	19970827	200219 NCE
			AU 200189272	A	20011108	

Priority Applications (no., kind, date): AU 200189272 A 20011108; DE 19635619 A 19960903

Patent Details

Number Kind Lan Pg Dwg Filing Notes

DE 19635619 A1 DE 18 10

WO 1998009581 A2 DE 40 11

National Designated States,Original: AU HU JP US

Regional Designated States,Original: AT BE CH DE DK ES FI FR GB GR IE IT
LU MC NL PT SE

AU 199742945 A EN Based on OPI patent WO 1998009581

EP 1006926 A2 DE PCT Application WO 1997DE1884

Based on OPI patent WO 1998009581

Regional Designated States,Original: CH DE ES FR LI

AU 200189272 A EN Division of application AU 199742945

Original Publication Data by Authority

Original Abstracts:

...hermetically seals the primary implant (45) with the expandable side areas (46) in the jaw bone (3,4) against the oral cavity and to which a third part (85) can be joined on the other side towards the oral cavity in order to fix the tooth replacement...

17/3,K/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0007143973 - Drawing available

WPI ACC NO: 1995-178606/199523

XRPX Acc No: N1995-140268

Cast bone ingrowth surface for prosthetic implants - has base with porous ingrowth surface having elongated sections spaced from each other and lattice forming preformed ceramic pattern.

Patent Assignee: HOWMEDICA INC (HOWN); STRYKER TECHNOLOGIES CORP (STRYN)

Inventor: SCHWARTZ M M

Patent Family (11 patents, 20 countries)

Patent	Application
Number	Kind Date Number Kind Date Update
WO 1995011639	A1 19950504 WO 1994IB286 A 19940921 199523 B
AU 199475456	A 19950522 AU 199475456 A 19940921 199534 E
US 5524695	A 19960611 US 1993146281 A 19931029 199629 E
DE 199490333	U1 19960801 DE 199490333 U 19940921 199636 E WO 1994IB286 A 19940921
EP 725606	A1 19960814 EP 1994925601 A 19940921 199637 E WO 1994IB286 A 19940921
JP 8510944	W 19961119 WO 1994IB286 A 19940921 199708 E JP 1995504784 A 19940921
AU 686221	B 19980205 AU 199475456 A 19940921 199813 E
EP 725606	B1 19991201 EP 1994925601 A 19940921 200001 E WO 1994IB286 A 19940921
JP 2984375	B2 19991129 WO 1994IB286 A 19940921 200002 E JP 1995504784 A 19940921
DE 69421935	E 20000105 DE 69421935 A 19940921 200009 E EP 1994925601 A 19940921 WO 1994IB286 A 19940921
CA 2172250	C 20000104 CA 2172250 A 19940921 200022 E WO 1994IB286 A 19940921

Priority Applications (no., kind, date): US 1993146281 A 19931029

Patent Details

Number Kind Lan Pg Dwg Filing Notes
WO 1995011639 A1 EN 23 8

National Designated States,Original: AU CA JP US
Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IE IT LU
MC NL PT SE

AU 199475456 A EN Based on OPI patent WO 1995011639
US 5524695 A EN 11
DE 199490333 U1 DE 23 8 PCT Application WO 1994IB286
Based on OPI patent WO 1995011639
EP 725606 A1 EN 23 18 PCT Application WO 1994IB286
Based on OPI patent WO 1995011639

Regional Designated States,Original: AT CH DE FR GB IE IT LI
JP 8510944 W JA 21 PCT Application WO 1994IB286
Based on OPI patent WO 1995011639

AU 686221 B EN Previously issued patent AU 9475456

Based on OPI patent WO 1995011639
EP 725606 B1 EN PCT Application WO 1994IB286
Based on OPI patent WO 1995011639

Regional Designated States,Original: AT CH DE FR GB IE IT LI
JP 2984375 B2 JA 8 PCT Application WO 1994IB286
Previously issued patent JP 08510944

Based on OPI patent WO 1995011639
DE 69421935 E DE Application EP 1994925601
PCT Application WO 1994IB286
Based on OPI patent EP 725606
Based on OPI patent WO 1995011639

CA 2172250 C EN PCT Application WO 1994IB286
Based on OPI patent WO 1995011639

Original Publication Data by Authority

Claims:

...plurality of attachment spacer elements integrally cast with said base member extending outwardly from said **outer** surface, and **a** lattice element having **connecting** elements for contract with a **bone** **extending** between said **spacer** elements forming the porous portion to allow attachment to bone to occur between **an underside** of said **connecting** elements and said outer surface of said base member which process comprises the steps of...

17/3,K/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2008 The Thomson Corporation. All rts. reserv.

0006812624 - Drawing available

WPI ACC NO: 1994-199898/199424

XRPX Acc No: N1994-157339

Implantable bone fixation plate - comprises solid circular rod with bone engagers spaced along its length, each engager having aperture to receive bone screw

Patent Assignee: ACE MEDICAL CO (ACEM-N); DUPUY ACE MEDICAL CO (DUPU-N)

Inventor: SELMAN C M

Patent Family (11 patents, 18 countries)

Patent	Application	Number	Kind	Date	Number	Kind	Date	Update
		WO 1994012127	A1	19940609	WO 1993US10667	A	19931104	199424 B
		US 5336224	A	19940809	US 1992983402	A	19921130	199431 E
		AU 199455933	A	19940622	AU 199455933	A	19931104	199436 E
		EP 719115	A1	19960703	WO 1993US10667	A	19931104	199631 E
					EP 1994901286	A	19931104	
		JP 8503633	W	19960423	WO 1993US10667	A	19931104	199645 E
					JP 1994513152	A	19931104	
		AU 675264	B	19970130	AU 199455933	A	19931104	199713 E
		EP 719115	A4	19970101	EP 1994901286	A	19931104	199841 E
		EP 719115	B1	20011010	WO 1993US10667	A	19931104	200167 E
					EP 1994901286	A	19931104	
		DE 69330915	E	20011115	DE 69330915	A	19931104	200176 E
					WO 1993US10667	A	19931104	
					EP 1994901286	A	19931104	
		KR 282786	B	20011122	WO 1993US10667	A	19931104	200243 E
					KR 1995702101	A	19950525	
		JP 3535514	B2	20040607	WO 1993US10667	A	19931104	200437 E
					JP 1994513152	A	19931104	

Priority Applications (no., kind, date): US 1992983402 A 19921130

Patent Details

Number Kind Lan Pg Dwg Filing Notes
WO 1994012127 A1 EN 13 6

National Designated States,Original: AU JP KR

Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

US 5336224 A EN 6 6
AU 199455933 A EN Based on OPI patent WO 1994012127
EP 719115 A1 EN 97 19 PCT Application WO 1993US10667
Based on OPI patent WO 1994012127

Regional Designated States,Original: DE ES FR GB IT

JP 8503633 W JA 15 PCT Application WO 1993US10667
Based on OPI patent WO 1994012127

AU 675264 B EN Previously issued patent AU 9455933

Based on OPI patent WO 1994012127
EP 719115 A4 EN
EP 719115 B1 EN PCT Application WO 1993US10667
Based on OPI patent WO 1994012127

Regional Designated States,Original: DE ES FR GB IT

DE 69330915 E DE PCT Application WO 1993US10667
Application EP 1994901286
Based on OPI patent EP 719115
Based on OPI patent WO 1994012127

KR 282786 B KO PCT Application WO 1993US10667

Previously issued patent KR 95703905

Based on OPI patent WO 1994012127
JP 3535514 B2 JA 5 PCT Application WO 1993US10667
Previously issued patent JP 08503633

Based on OPI patent WO 1994012127

Original Publication Data by Authority

Claims:

...surfaces (20, 18), the aperture (22) having an axis substantially normal to the longitudinal axis of the rod member (10) and arranged to receive a bone fastener, characterised in that the plurality of screw-aperture members are centred on the longitudinal axis, the first (20) and second (18) surfaces are spaced...

17/3,K/10 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2008 The Thomson Corporation. All rts. reserv.

0005330362 - Drawing available

WPI ACC NO: 1990-328158/199044

XRPX Acc No: N1990-251174

Fixing element for fractured bone - has middle part of greater elasticity than end parts

Patent Assignee: BAUMGART R (BAUM-I); BETZ A (BETZ-I); SEIBOLD R (SEIB-I)

Inventor: BAUMGART R

Patent Family (8 patents, 16 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
DE 3912703	A	19901025	DE 3912703	A	19890418	199044 B
			DE 3912703	A	19890418	
WO 1990012547	A	19901101	WO 1990EP622	A	19900418	199046 E
DE 3912703	C	19910314	DE 3912703	A	19890418	199111 E
			DE 3912703	A	19890418	
EP 423280	A	19910424	EP 1990906178	A	19900418	199117 E
JP 3503020	W	19910711			199134 E	
EP 423280	B1	19950823	EP 1990906178	A	19900418	199538 E
			WO 1990EP622	A	19900418	
DE 59009553	G	19950928	DE 59009553	A	19900418	199544 E
			EP 1990906178	A	19900418	
			WO 1990EP622	A	19900418	
US 5474553	A	19951212	US 1991623948	A	19910129	199604 E
			US 1995367922	A	19950103	

Priority Applications (no., kind, date): DE 3912703 A 19890418

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
DE 3912703	A	DE		8	
WO 1990012547	A	EN			
National Designated States,Original: CA JP US					
Regional Designated States,Original: AT BE CH DE DK ES FR GB IT LU NL SE					
EP 423280	A	EN			
Regional Designated States,Original: AT BE CH DE ES FR GB IT LI LU					
EP 423280	B1	DE	11	8	PCT Application WO 1990EP622
Based on OPI patent WO 1990012547					
Regional Designated States,Original: AT BE CH DE DK ES FR GB IT LI LU NL					
SE					
DE 59009553	G	DE			Application EP 1990906178
PCT Application WO 1990EP622					
Based on OPI patent EP 423280					
Based on OPI patent WO 1990012547					
US 5474553	A	EN	8	8	Continuation of application US 1991623948

Original Publication Data by Authority

Claims:

...in a spaced, non-contacting relationship with the surface of the tubular bone in the **vicinity of the tubular bone fracture**, and for **providing** a space between said setting device and **the surface of the tubular bone** in the vicinity of the tubular bone fracture; and C) means in and cooperating with...

17/3,K/11 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2008 The Thomson Corporation. All rts. reserv.

0003724268 - Drawing available

WPI ACC NO: 1986-170327/198627

Orthopaedic splint for external use - has beams containing pistons with fixing wires between half-rings

Patent Assignee: CUBAN ENTERPRISE (CUBA-N); CUBAN ENTERPRISE IM (CUIM-N); EMPRESA CUBANA EXP (EMPR-N); MEDICUBA CUBAN ENTERPRISE IMPORT & EXPOR

(MEDI-N); MEDICUBA CUBAN ENTR (MEDI-N)

Inventor: ALVAREZ CAMBRAS R J; CAMBRAS R A

Patent Family (12 patents, 10 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
DE 3529030	A	19860626	DE 3529030	A	19850813	198627 B
FR 2573977	A	19860606			198629	E
PT 81595	A	19860611			198629	E
GB 2170107	A	19860730	GB 198517794	A	19850715	198631 E
BR 198503448	A	19860916			198644	E
US 4624249	A	19861125	US 1985697849	A	19850204	198650 E

ES 198703269	A	19870501	ES 1985541052	A	19850307	198724	E
CH 667006	A	19880915			198842	E	
GB 2170107	B	19890816			198933	E	
CA 1271382	A	19900710			199033	E	
IT 1200149	B	19890105			199118	E	
DE 3529030	C2	19930923	DE 3529030	A	19850813	199338	E

Priority Applications (no., kind, date): CU 198436222 A 19841204

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
DE 3529030	A	DE	14	2	
BR 198503448	A	PT			
CH 667006	A	DE			
CA 1271382	A	EN			
DE 3529030	C2	DE	6	2	

Equivalent Alerting Abstract ...A pair of pistons slidably **connected** to the solid **sections** have **several** holes capable of being aligned with the other holes. Several transfixing pins **extend** through the **bone** and are positioned in the **holes** aligned in a plane normal to the plane of symmetry. A nut is threadably mounted...

24/3,K/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0013211914 - Drawing available

WPI ACC NO: 2003-296382/200329

XRPX Acc No: N2003-236370

Automatic closing umbrella has joint piece which is provided with inner toe which is mutually adjoined to inner adaptors of top bone

Patent Assignee: FU TAI UMBRELLA WORKS LTD (FUTA-N); FUTAI UMBRELLA CO LTD

(FUTA-N)

Inventor: CHANG J; CHO E; LIN C; RIN S

Patent Family (2 patents, 2 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
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JP 2003093122	A	20030402	JP 2001286993	A	20010920	200329 B
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US 20030041889	A1	20030306	US 2001945742	A	20010905	200330 NCE
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Priority Applications (no., kind, date): US 2001945742 A 20010905; JP 2001286993 A 20010920

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 2003093122	A	JA	9	12	
US 20030041889	A1	EN	13		

...which is provided with inner toe which is mutually adjoined to inner adaptors of top bone

Alerting Abstract ...inner toe (221) which is mutually adjoined to the inner adaptors (21a) of a top **bone** (21)...is provided with the inner toe mutually adjoined to the inner adaptors of the top **bone**.

...

...21 Top **bone**

Title Terms.../Index Terms/Additional Words: **BONE**

Original Publication Data by Authority

Claims:

...of inner adapters, a plurality of outer ribs connected to said top ribs by a **plurality of joint members**, and a **plurality** of stretcher ribs each pivotally **connected between** each **said joint member** and a runner slidably held on said **shaft**, with each said stretcher rib forming an acute angle between said stretcher rib and said shaft **below** said runner when **opening** the umbrella;an **umbrella** cloth secured on said rib assembly;each said inner adapter pivotally connected to said upper...

24/3,K/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2008 The Thomson Corporation. All rts. reserv.

0008594306 - Drawing available

WPI ACC NO: 1998-129733/199812

XRPX Acc No: N1998-102497

Selectively expandable spinal bone fixation screw-sleeve device - has elongate member received in elongate sleeve, and number of articulated sections defined between sequential pairs of axially aligned slots formed in sleeve

Patent Assignee: THIRD MILLENNIUM ENG LLC (THIR-N)

Inventor: ERRICO J P; ERRICO T J; RALPH J D

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 5713904	A	19980203	US 1997799719	A	19970212	199812 B

Priority Applications (no., kind, date): US 1997799719 A 19970212

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 5713904	A	EN	16	13	

Selectively expandable spinal bone fixation screw-sleeve device...

Alerting Abstract ...Counters screw pull-out and reduces danger that

screw pull-out will destroy region of **bone** into which screw has been implanted.

Title Terms.../Index Terms/Additional Words: **BONE** ;

Original Publication Data by Authority

Original Abstracts:

The present invention is a selectively expandable **bone** fixation screw-sleeve **device** which provides substantially greater holding strength in human **bone** than other **bone screw** devices. The **sleeve** element of this invention includes several embodiments, each having at least one corresponding screw element for selectively expanding a portion of the sleeve once it has been inserted into the **bone**. More specifically, in **several** embodiments, the sleeve includes a series of vertical slots in the end, or ends, of...

Claims:

A selectively expandable **bone** fixation **screw**-sleeve device, comprising: an elongate member; an elongate cylindrical sleeve having an upper, a central...

...the interior surface; a plurality of radially aligned slots formed in said central portion, said slots **extending** from the **exterior** surface to the interior surface, each of said radially aligned slots connecting selected pairs of adjacent axially aligned slots; a **plurality** of **articulated sections**, defined between sequential twos of said axially aligned slots, said articulated sections comprising first, second...

?

?

27/3,K/1 (Item 1 from file: 347)

DIALOG(R)File 347:JAPIO

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08444786 **Image available**

MINIMALLY INVASIVE **BONE** MILLER APPARATUS

PUB. NO.: 2005-193046 [JP 2005193046 A]

PUBLISHED: July 21, 2005 (20050721)

INVENTOR(s): CHRISTIE MICHAEL J

DEBOER DAVID K

JONES MICHAEL C

SMITH STEVEN W

PARKER BRAD A

JAGGERS CHARLES W

SHRACK DEREK A

ROGERS JAMES R

APPLICANT(s): DEPUY PRODUCTS INC

APPL. NO.: 2004-380741 [JP 2004380741]

FILED: December 28, 2004 (20041228)
PRIORITY: 03 748443 [US 2003748443], US (United States of America),
December 30, 2003 (20031230)

MINIMALLY INVASIVE BONE MILLER APPARATUS

INVENTOR(s): CHRISTIE MICHAEL J

DEBOER DAVID K

JONES MICHAEL C

SMITH STEVEN W

PARKER BRAD A

JAGGERS CHARLES W

SHRACK DEREK A

ROGERS...

ABSTRACT

PROBLEM TO BE SOLVED: To provide a milling system for creating a cavity in a bone .

SOLUTION: This milling system 20 is equipped with a drive shaft 128, a frame 24...

27/3,K/2 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012505702 - Drawing available

WPI ACC NO: 2002-453625/200248

XRAM Acc No: C2002-128952

XRXPX Acc No: N2002-357719

Acetabular cup for providing bearing surface for acetabulum during hip replacement procedures, includes body defining dome defined by increasing radius sidewall extending from apex to annular rim

Patent Assignee: DEPUY ORTHOPAEDICS INC (DEPU-N); DEPUY PROD INC (DEPU-N); JONES M C (JONE-I); KUDRNA J C (KUDR-I); LESTER M B (LEST-I)

Inventor: **JONES M C ; KUDRNA J C; LESTER M B**

Patent Family (5 patents, 28 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
--------	------	------	--------	------	------	--------

US 20020040245	A1	20020404	US 2000678032	A	20001003	200248 B
			US 2001858411	A	20010516	

AU 200189329	A	20020411	AU 200189329	A	20011108	200248 E
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EP 1308140	A1	20030507	EP 2001309380	A	20011106	200332 NCE
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US 6626947	B2	20030930	US 2001858411	A	20010516	200367 E
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AU 784117	B2	20060209	AU 200189329	A	20011108	200659 E
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Priority Applications (no., kind, date): US 2000678032 A 20001003; US 2001858411 A 20010516; EP 2001309380 A 20011106

Patent Details

Number Kind Lan Pg Dwg Filing Notes
US 20020040245 A1 EN 13 7 C-I-P of application US 2000678032
EP 1308140 A1 EN
Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR
IE IT LI LT LU LV MC MK NL PT RO SE SI TR

Inventor: **JONES M C ...**

Alerting Abstract ...ADVANTAGE - The acetabular cup can be secured to the acetabulum without the use of **bone** cement, and utilizes a single reaming process...

Original Publication Data by Authority

Inventor name & address:

... **JONES M C ...**

... **JONES M C ...**

... **Jones, Michael C ...**

... **Jones, Michael C ...**

... **Jones, Michael C**

Original Abstracts:

...an acetabulum so as to provide a bearing surface for a head portion of a **femur** includes the step of reaming a hemispherically-shaped cavity having a first radius into the acetabulum with a reamer...

...surface of an acetabulum with an artificial bearing surface for a head portion of a **femur** is also disclosed.

...

...an acetabulum so as to provide a bearing surface for a head portion of a **femur** is provided. The acetabular cup is shaped to provide a cementless, press-fit into a reamed acetabulum. The acetabular cup is formed of a body having a sidewall defining a radius from a center point of...

...an acetabulum so as to provide a bearing surface for a head portion of a **femur** is provided. The acetabular cup is shaped to provide a cementless, press-fit into a reamed acetabulum. The acetabular cup is formed of a body having a sidewall defining a radius from a center point of the annular rim to the

Claims:

...an acetabulum so as to provide a bearing surface for a head portion of a **femur**, comprising the steps of:reaming a hemispherically-shaped cavity into said acetabulum with a reamer, wherein said...

DIALOG(R)File 350:Derwent WPIX
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0005493488

WPI ACC NO: 1991-095858/199114

XRAM Acc No: C1991-040977

XRPX Acc No: N1991-074104

Prosthetic devices for hip-joint replacement - comprising modulus matched component of e.g. metal having safety factor or more than 2

Patent Assignee: IMPERIAL CHEM IND PLC (ICIL); JONES M E B (JONE-I)

Inventor: DAVID T; **JONES M E B**; TAYLOR D

Patent Family (6 patents, 13 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
EP 420435	A	19910403	EP 1990309884	A	19900910	199114 B
AU 199062468	A	19910411			199122 E	
CA 2026013	A	19910329			199124 E	
JP 3261471	A	19911121	JP 1990257609	A	19900928	199202 E
AU 642158	B	19931014	AU 199062468	A	19900913	199348 E
EP 420435	A3	19930421	EP 1990309884	A	19900910	199401 E

Priority Applications (no., kind, date): GB 198921878 A 19890928

Patent Details

Number Kind Lan Pg Dwg Filing Notes

EP 420435 A EN

Regional Designated States,Original: AT BE CH DE FR GB IT LI NL SE

CA 2026013 A EN

AU 642158 B EN Previously issued patent AU 9062468

EP 420435 A3 EN

...Inventor: **JONES M E B**

Alerting Abstract ...data generated in Steps (A) and (B) to produce physiological level of stresses in the **bone**; (D) choosing a composite having the target properties and a suitable FOS for that application...

...new composite to improve both FOS and stress transfer from the prosthesis to the adjacent **bone**; and (H) iterating the above steps...

Original Publication Data by Authority

Inventor name & address:

JONES M E B ...

... Jones, Michael Edward Benet, 45 Richmond Crescent, Vicars Cross, Chester, GB ...

... **JONES M E B** ...

... JONES MICHAEL EDWARD BENET

Claims:

...data generated in Steps (A) and (B) to produce physiological level of stresses in the **bone** ; (D) choosing a **composite** having the target properties and a suitable FOS for that application from the stress analysis

...

...new composite to improve both FOS and stress transfer from the prosthesis to the adjacent **bone** ; and (H) iterating **the** above steps.

27/3,K/4 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0005021505 - Drawing available

WPI ACC NO: 1990-001407/199001

XRAM Acc No: C1990-000614

XRPX Acc No: N1990-001024

Forming prosthetic device such as bone transplant - using computer generated graphics and stereolithography to irradiate polymer

Patent Assignee: IMPERIAL CHEM IND PLC (ICIL); ZENECA LTD (ZENE)

Inventor: **JONES M E B** ; THOMAS I

Patent Family (6 patents, 9 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
EP 348061	A	19891227	EP 1989305662	A	19890605	199001 B
DK 198903076	A	19891225			199010	E
JP 2046840	A	19900216	JP 1989159790	A	19890623	199013 E
EP 348061	B1	19951025	EP 1989305662	A	19890605	199547 E
DE 68924619	E	19951130	DE 68924619	A	19890605	199602 E
			EP 1989305662	A	19890605	
JP 2769357	B2	19980625	JP 1989159790	A	19890623	199830 E

Priority Applications (no., kind, date): GB 198815065 A 19880624

Patent Details

Number Kind Lan Pg Dwg Filing Notes

EP 348061 A EN 11 2

Regional Designated States,Original: CH DE FR GB IT LI SE

EP 348061 B1 EN 13 2

Regional Designated States,Original: CH DE FR GB IT LI SE

DE 68924619 E DE Application EP 1989305662

Based on OPI patent EP 348061

JP 2769357 B2 JA 9 Previously issued patent JP 02046840

Forming prosthetic device such as bone transplant...

Inventor: **JONES M E B** ...

Alerting Abstract ...USE/ADVANTAGE - Process is used to produce

prosthetic devices such as **bone** replacements for complex fracture repairs, **bone** restructuring as well as simpler items such as dental crowns. The process enables prosthetic devices...

Title Terms.../Index Terms/Additional Words: **BONE** ;

Original Publication Data by Authority

Inventor name & address:

JONES M E B ...

... **Jones, Michael Edward Benet, 40 Marbury Road, Viscars Cross Chester, US**

...

... **Jones, Michael Edward Benet, 40 Marbury Road, Viscars Cross Chester, GB**

...

... **JONES MICHAEL EDWARD BENET ...**

... **JONES M E B**

Claims:

...prosthetic device; and wherein the prosthetic device is a joint, a complex fracture repair, a **bone** plate, a dental crown or a **bone** reconstructure.

273,K/5 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0004928088

WPI ACC NO: 1989-317662/198944

XRAM Acc No: C1989-140659

XRPX Acc No: N1989-241772

Composite material for use in orthopaedics - formed of mixture of addn.-polymerisable material and particulate inorganic solid

Patent Assignee: IMPERIAL CHEM IND PLC (ICIL)

Inventor: **JONES M ; JONES M E B**

Patent Family (10 patents, 18 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
EP 339816	A	19891102	EP 1989303427	A	19890406	198944 B
AU 198933021	A	19891102			199001 E	
NO 198901675	A	19891120			199001 E	
DK 198902027	A	19891027			199002 E	
JP 1313059	A	19891218	JP 1989104811	A	19890426	199005 E
FI 198901978	A	19891027			199006 E	
US 5059209	A	19911022	US 1989342810	A	19890425	199145 E
EP 339816	B1	19941019	EP 1989303427	A	19890406	199440 E
DE 68918889	E	19941124	DE 68918889	A	19890406	199501 E

EP 1989303427 A 19890406
ES 2060760 T3 19941201 EP 1989303427 A 19890406 199504 E

Priority Applications (no., kind, date): GB 19889863 A 19880426

Patent Details

Number Kind Lan Pg Dwg Filing Notes
EP 339816 A EN 9 3

Regional Designated States,Original: AT BE CH DE ES FR GB GR IT LI LU NL
SE

EP 339816 B1 EN 14 3

Regional Designated States,Original: AT BE CH DE ES FR GB GR IT LI LU NL
SE

DE 68918889 E DE Application EP 1989303427

Based on OPI patent EP 339816

ES 2060760 T3 ES Application EP 1989303427

Based on OPI patent EP 339816

Original Titles:

...PROSTHETIC MEMBER, COMPLEX MATERIAL FOR ORTHOPAEDICS, **BONE**
BONDING

MATERIAL, AND MANUFACTURE OF PROSTHETIC MEMBER...

Inventor: **JONES M** ...

... **JONES M E B**

Alerting Abstract ...comprises a composite with a flexural modulus with the same range of values as compact **bone**. It is prepared by curing a composition consisting of an intimate mixture of two components...

...**USE/ADVANTAGE** - The device may be used to hold a fractured **bone** in alignment during healing, may be used to cover or replace **bone** damage or to reinforce it, esp. in the skull or long **bones**, or may be used as a replacement joint, esp. hip or knee. As the material has a flexural modulus similar to **boney** tissue, it alleviates problems associated with the loosening of implants and thus extends their working...

Equivalent Alerting Abstract ...a composite which has a flexural modulus in the range of values recorded for compact **bone** and is preparable by curing a curable compsn. which comprises mixing: (A) an addn. polymerisable

...

...an ethoxylated bis-phenol-A. The prosthetic device is pref. in the form of a **bone**-joint replacement...

...**ADVANTAGE** - The flexural modulus of the prosthetic device is similar to the **boney** tissue it is in contact with and so alleviates the problems associated with loosening of...

Original Publication Data by Authority

Inventor name & address:

JONES M E B ...

... **Jones, Michael Edward Benet, 40 Marbury Road, Vicars Cross Chester, GB**

...

... **Jones, Michael Edward Benet, 40 Marbury Road, Vicars Cross Chester, GB**

...

... **JONES MICHAEL E B ...**

... **Jones, Michael E. B**

Original Abstracts:

...volume of the prosthetic device. The prosthetic device has a flexural modulus similar to the **boney** tissue which it **contacts** in use...

...volume of the prosthetic device. The prosthetic device has a flexural modulus similar to the **boney** tissue which it contacts in use.

Claims:

...comprises a composite with a flexural modulus with the same range of values as compact **bone**. It is prepared by curing a composition consisting of an intimate mixture of two components...

...is steam-sterilisable; has a flexural modulus in the range of values recorded for compact **bone**; and is preparable by curing **a** composition which comprises an intimate mixture of Component A: an addition polymerisable composition comprising a...

?

NonPatent Literature Abstracts

File 155: MEDLINE(R) 1950-2008/Jan 09
(c) format only 2008 Dialog

File 73: EMBASE 1974-2008/Jan 15
(c) 2008 Elsevier B.V.

File 5: Biosis Previews(R) 1926-2008/Jan W1
(c) 2008 The Thomson Corporation

File 144: Pascal 1973-2007/Dec W2
(c) 2007 INIST/CNRS

File 34: SciSearch(R) Cited Ref Sci 1990-2008/Jan W2
(c) 2008 The Thomson Corp

File 434: SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 2006 The Thomson Corp

File 35: Dissertation Abs Online 1861-2007/Oct
(c) 2007 ProQuest Info&Learning

File 65: Inside Conferences 1993-2008/Jan 14
(c) 2008 BLDSC all rts. reserv.

File 45: EMCare 2008/Jan W1
(c) 2008 Elsevier B.V.

File 23: CSA Technology Research Database 1963-2008/Jan
(c) 2008 CSA.

Set Items Description

S1 2442490 BONE? ? OR FEMUR? OR FIBULA? OR PATELLA? OR TIBIA?

S2 3619952 STRETCH??? OR EXPAND? OR EXPANS? OR EXTEND? OR SPREAD? OR
ENLARG? OR (OPEN OR FAN)()OUT OR OUTSPREAD?

S3 5309350 OPENING? ? OR HOLE? ? OR VENT? ? OR APERTURE? ? OR ORIFICE?
? OR PERFORAT??? OR GAP? ? OR PIERCE? ? OR SLIT OR SLITS OR -
SLOT OR SLOTS OR INLET? ? OR OUTLET? ? OR CAVITY OR CAVITIES
OR SPACE? OR SPLIT? OR SPACE? ? OR SPACING

S4 209469 S3(3N)(CREAT??? OR CREATION OR MADE OR MAKE? ? OR CAUSE? ?
OR FORM??? OR GENERATE? ? OR START??? OR PRODUCE OR PRODUCING
OR PRODUCTI?? OR CONSTRUCT???)

S5 24851089 AREAS OR COMPONENT? ? OR COMPOS? OR ELEMENT? ? OR FACET?
?
OR MEMBER? ? OR MODULE? ? OR PART OR PARTICLE? ? OR PARTS OR -
PIECE? ? OR PORTION? ? OR REGION? ? OR SECTION? ? OR SECTORS -
OR SEGMENT? ? OR UNIT? ?

S6 1985533 (THREE OR 3 OR MULTI OR MULTIPLE OR PLURAL OR PLURALITY OR
MULTIPLE? OR MULTI OR MULTIPLICITY OR SEVERAL OR MORE OR SOME
OR FEW OR NUMEROUS OR MANY)(3N)S5

S7 39096 S6(5N)(CONNECT??? OR JOIN??? OR LINK??? OR FASTEN??? OR UN-
ITED OR COMBIN? OR UNIFIED)

S8 32329 S1(5N)S3

S9 687 S8(5N)S2

S10 1 S9 AND S7

S11 1712 S4(5N)S1

S12 2 S11 AND S7

S13 2 RD (unique items)
S14 1 S13 NOT S10
S15 1 S14 NOT PY=2003:2008
S16 6029 S1 AND S4
S17 19 S16 AND S7
S18 15 RD (unique items)
S19 5 S18 NOT PY=2003:2008
S20 36659 AU=(JONES, M? OR JONES M?)
S21 26 S20 AND S7
S22 10 RD (unique items)
S23 7 S22 NOT PY=2003:2008
?

10/3,K/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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15973714 BIOSIS NO.: 200100145553

Fastener and method for bone fixation

AUTHOR: Eaves Felmont F (Reprint); Capizzi Peter J

AUTHOR ADDRESS: 4927 Morrowick Rd., Charlotte, NC, 28226, USA**USA

JOURNAL: Official Gazette of the United States Patent and Trademark Office

Patents 1235 (4): June 27, 2000 2000

MEDIUM: e-file

PATENT NUMBER: US 6080161 PATENT DATE GRANTED: June 27, 2000 20000627

PATENT CLASSIFICATION: 606-76 PATENT COUNTRY: USA

ISSN: 0098-1133

DOCUMENT TYPE: Patent

RECORD TYPE: Abstract

LANGUAGE: English

ABSTRACT: A fastener for securing an osteosynthesis plate to a **plurality** of bone **segments** is provided. The **fastener** in the form of a fastener blank includes an elongated shank adapted for insertion through...

...A fastener blank is positioned into the hole so that a portion of the blank **extends** into the **hole** provided in the **bone** and another portion overlies the plate. The blank is heated to raise the temperature of...

?

15/3,K/1 (Item 1 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

(c) format only 2008 Dialog. All rts. reserv.

13535142 PMID: 11799706

Deproteinized bovine bone used as an adjunct to guided bone augmentation: an experimental study in the rat.

Stavropoulos A; Kostopoulos L; Mardas N; Nyengaard J R; Karring T

Department of Periodontology and Oral Gerontology, Royal Dental College,

Faculty of Health Sciences, University of Aarhus, Vennelyst Boulevard 9,

8000 Aarhus C, Denmark. stavropoulos@odont.au.dk

Clinical implant dentistry and related research (Canada) 2001, 3 (3)

p156-65, ISSN 1523-0899--Print Journal Code: 100888977

Publishing Model Print

Document type: Journal Article; Research Support, Non-U.S. Gov't

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

...created by the capsule and of the (1) newly formed bone, (2) remaining Bio-Oss **particles**, (3) soft **connective** tissue, and (4) acellular space in the capsule were estimated by a point-counting technique...

...in both tests and controls. After 2 months, the mean volume of the newly formed **bone** occupied 9.0% of the **space created** by the capsule in the test specimens compared with 23.8% in the control specimens...
?

15/3,K/1 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2008 Dialog. All rts. reserv.

13535142 PMID: 11799706

**Deproteinized bovine bone used as an adjunct to guided bone augmentation:
an experimental study in the rat.**

Stavropoulos A; Kostopoulos L; Mardas N; Nyengaard J R; Karring T
Department of Periodontology and Oral Gerontology, Royal Dental College,
Faculty of Health Sciences, University of Aarhus, Vennelyst Boulevard 9,
8000 Aarhus C, Denmark. stavropoulos@odont.au.dk

Clinical implant dentistry and related research (Canada) 2001, 3 (3)
p156-65, ISSN 1523-0899--Print Journal Code: 100888977

Publishing Model Print

Document type: Journal Article; Research Support, Non-U.S. Gov't

Languages: ENGLISH

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Record type: MEDLINE; Completed

...created by the capsule and of the (1) newly formed bone, (2) remaining Bio-Oss **particles**, (3) soft **connective** tissue, and (4) acellular space in the capsule were estimated by a point-counting technique...

...in both tests and controls. After 2 months, the mean volume of the newly formed **bone** occupied 9.0% of the **space created** by the capsule in the test specimens compared with 23.8% in the control specimens...

19/3,K/1 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2008 Dialog. All rts. reserv.

13535142 PMID: 11799706

**Deproteinized bovine bone used as an adjunct to guided bone augmentation:
an experimental study in the rat.**

Stavropoulos A; Kostopoulos L; Mardas N; Nyengaard J R; Karring T
Department of Periodontology and Oral Gerontology, Royal Dental College,
Faculty of Health Sciences, University of Aarhus, Vennelyst Boulevard 9,
8000 Aarhus C, Denmark. stavropoulos@odont.au.dk

Clinical implant dentistry and related research (Canada) 2001, 3 (3)
p156-65, ISSN 1523-0899--Print Journal Code: 100888977

Publishing Model Print

Document type: Journal Article; Research Support, Non-U.S. Gov't

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Deproteinized bovine bone used as an adjunct to guided bone augmentation: an experimental study in the rat.

BACKGROUND: Promising results have been reported following treatment of periodontal and peri-implant **bone** defects with deproteinized bovine **bone** grafts, but their influence on **bone** formation has not been clarified.

PURPOSE: The goal of this study was to examine whether implantation of deproteinized bovine **bone** (Bio-Oss, Geistlich AG, Wolhusen, Switzerland) influences **bone** formation when used as an adjunct to guided **bone** augmentation (GBA). **MATERIALS AND METHODS:** A rigid, hemispherical, Teflon capsule was loosely packed with a...

... of 10 animals were sacrificed after 1, 2, and 4 months. The volumes of the **space created** by the capsule and of the (1) newly formed **bone**, (2) remaining Bio-Oss **particles**, (3) soft **connective tissue**, and (4) acellular space in the capsule were estimated by a point-counting technique in three or four histologic sections, taken by uniformly random sampling.

RESULTS: **Bone** formation at 1 month was limited in both tests and controls. After 2 months, the mean volume of the newly formed **bone** occupied 9.0% of the **space created** by the capsule in the test specimens compared with 23.8% in the control specimens...

... It can be concluded that Bio-Oss, used as an adjunct to GBA, interferes with **bone** formation.

Descriptors: ***Bone** Matrix--transplantation--TR; * **Bone** Substitutes --therapeutic use--TU; *Guided Tissue Regeneration--methods--MT; *Mandible --surgery--SU; *Minerals--therapeutic use...
; Animals; **Bone** Marrow--pathology--PA; **Bone** Matrix--pathology--PA; Calcification, Physiologic--physiology--PH; Cattle; Connective Tissue --pathology--PA; Follow-Up Studies...

Chemical Name: Bio-Oss; **Bone** Substitutes; Minerals;
Polytetrafluoroethylene

19/3,K/2 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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16031279 BIOSIS NO.: 200100203118

Reconstructive bioabsorbable joint prosthesis

AUTHOR: Tormala Pertti (Reprint); Paasimaa Senja; Lehto Matti; Lehtimaki Mauri

AUTHOR ADDRESS: Tampere, Finland**Finland

JOURNAL: Official Gazette of the United States Patent and Trademark Office
Patents 1238 (1): Sep. 5, 2000 2000

MEDIUM: e-file

PATENT NUMBER: US 6113640 PATENT DATE GRANTED: September 05, 2000 20000905

PATENT CLASSIFICATION: 623-18 PATENT ASSIGNEE: Bionx Implants Oy, Tampere, Finland PATENT COUNTRY: USA

ISSN: 0098-1133

DOCUMENT TYPE: Patent
RECORD TYPE: Abstract
LANGUAGE: English

...ABSTRACT: flexibility of formation, and operability, which is intended to be implanted as a prosthesis between **bones** to be joined together.
The joint spacer of the present invention can be formed from...

...fixing the free end of the fabric to the surface of the cylindrical body so **formed**. The joint **spacer** of the present invention can be implanted in conjunction with one or **more** fixation **parts**, to hold the **joint** spacer in place between the **bones** to be joined.

19/3,K/3 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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15973714 BIOSIS NO.: 200100145553
Fastener and method for bone fixation
AUTHOR: Eaves Felmont F (Reprint); Capizzi Peter J
AUTHOR ADDRESS: 4927 Morrowick Rd., Charlotte, NC, 28226, USA**USA
JOURNAL: Official Gazette of the United States Patent and Trademark Office
Patents 1235 (4): June 27, 2000 2000
MEDIUM: e-file
PATENT NUMBER: US 6080161 PATENT DATE GRANTED: June 27, 2000 20000627
PATENT CLASSIFICATION: 606-76 PATENT COUNTRY: USA
ISSN: 0098-1133
DOCUMENT TYPE: Patent
RECORD TYPE: Abstract
LANGUAGE: English

Fastener and method for bone fixation

ABSTRACT: A fastener for securing an osteosynthesis plate to a **plurality** of **bone segments** is provided. The **fastener** in the form of a fastener blank includes an elongated shank adapted for insertion through an opening in the plate and into a **hole formed** in the **bone**. The upper end of the shank forms a head that serves to secure the plate to the **bone**. The elongated shank is constructed of a material which when heated will deform to form a tight fit within the hole drilled in the **bone**. The fastener is preferably made of a resorbable material. The invention also provides a method for securing a plate to a **bone** using the fasteners of the invention. A fastener blank is positioned into the hole so that a portion of the blank extends into the hole provided in the **bone** and another portion overlies the plate. The blank is heated to raise the temperature of...

DESCRIPTORS:
METHODS & EQUIPMENT: **bone** fixation fastner...

... **bone** fixation method

19/3,K/4 (Item 3 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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09226438 BIOSIS NO.: 198886066359

EXPERIMENTALLY INDUCED CARTILAGINOUS FRACTURES

OSTEOCHONDRITIS DISSECANS IN

FOALS FED LOW-COPPER DIETS

AUTHOR: BRIDGES C H (Reprint); HARRIS E D

AUTHOR ADDRESS: DEP VET PATHOL, TEX A AND M UNIV, COLLEGE STATION, TEX

77843-4463, USA **USA

JOURNAL: Journal of the American Veterinary Medical Association 193 (2): p 215-221 1988

ISSN: 0003-1488

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: ENGLISH

...ABSTRACT: control foals. At necropsy, focal segments of articular cartilage were loose and broken in many **joints** throughout the skeleton.

In **some areas**, there was intracartilaginous separation, and in others, there was complete breakage of fragments from the joint surface or form free cartilaginous bodies in the joint **cavity**. In the lesions **formed** early in the course of the experiment, a residual layer of cartilage remained over the underlying **bone**. Also, cartilage of the metaphyseal physis had broken. Hypoplastic and necrotic chondrocytes were scattered among...

19/3,K/5 (Item 1 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2008 The Thomson Corp. All rts. reserv.

04390476 Genuine Article#: RZ850 No. References: 77

Title: ULTRASTRUCTURE AND FUNCTION OF CELLULAR-COMPONENTS OF THE INTERCENTRAL JOINT IN THE PERCOID VERTEBRAL COLUMN

Author(s): SCHMITZ RJ

Corporate Source: UNIV WISCONSIN,DEPT BIOL,2100 MAIN ST/STEVENS POINT//WI/54481

Journal: JOURNAL OF MORPHOLOGY, 1995, V226, N1 (OCT), P1-24

ISSN: 0362-2525

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

...Abstract: opposing amphicoelous centra whose rims are connected by external ligaments. The tissue, located within the **space formed** by these structures, is derived from the notochord and consists of the elastic externa, the...

...several layers of cells, each containing a large central vacuole, occur.

Third, in the deepest **part** of the **joint**, **several** layers of attenuated cells surround intracentral fluid-filled lacunae and form a transverse septum across...

...Identifiers--ORYZIAS-LATIPES TELEOSTEI; INTERMEDIATE FILAMENTS; JAPANESE MEDAKA; NOTOCHORD; SKELETON; **BONE**; CYPRINIDONTIDAE; CARTILAGE; NETWORKS; TISSUES

?

23/3,K/1 (Item 1 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

(c) format only 2008 Dialog. All rts. reserv.

10246110 PMID: 7987539

Lymphangiogenesis in vitro: formation of lymphatic capillary-like channels from confluent monolayers of lymphatic endothelial cells.

Leak L V; **Jones M**

Ernest Everett Just Laboratory of Cellular Biology, Department of Anatomy, College of Medicine, Howard University, Washington, DC.

In vitro cellular & developmental biology. Animal (UNITED STATES) Aug 1994, 30A (8) p512-8, ISSN 1071-2690--Print Journal Code: 9418515

Publishing Model Print

Document type: Journal Article; Research Support, Non-U.S. Gov't; Research Support, U.S. Gov't, Non-P.H.S.

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Leak L V; **Jones M**

... tubes. Examination by light and transmission electron microscopy showed that these structures were closed loops **composed** of one to **several** cells **connected** by intercellular junction to form a luminal space. This first demonstration of lymphangiogenesis in confluent...

23/3,K/2 (Item 2 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

(c) format only 2008 Dialog. All rts. reserv.

09270032 PMID: 1591717

Polyinosinic-polycytidyllic acid complexed with poly-L-lysine and carboxymethylcellulose in combination with interleukin 2 in patients with cancer: clinical and immunological effects.

Ewel C H; Urba W J; Kopp W C; Smith J W; Steis R G; Rossio J L; Longo D L ; **Jones M J**; Alvord W G; Pinsky C M; et al

Clinical Services Program, Program Resources, Inc./DynCorp, National Cancer Institute-Frederick Cancer Research Development Center, Maryland 21702.

Cancer research (UNITED STATES) Jun 1 1992, 52 (11) p3005-10, ISSN 0008-5472--Print Journal Code: 2984705R

Contract/Grant No.: N01-CO-74102; CO; NCI

Publishing Model Print

Document type: Clinical Trial; Journal Article; Research Support, U.S. Gov't, P.H.S.

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

...Kopp W C; Smith J W; Steis R G; Rossio J L; Longo D L; **Jones M J**; Alvord W G; Pinsky C M; et al

... was followed by 2 months of outpatient therapy with biweekly i.m. poly-ICLC in **combination** with IL-2 (3 x 10(6) **units /m²**) given i.v. by 24-h continuous infusion twice weekly, using a portable infusion...

23/3,K/3 (Item 3 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

(c) format only 2008 Dialog. All rts. reserv.

08462799 PMID: 2328994

Confirmation of linkage in von Hippel-Lindau disease.

Vance J M; Small K W; **Jones M A**; Stajich J M; Yamaoka L H; Roses A D; Hung W Y; Pericak-Vance M A

Department of Medicine, Duke University Medical Center, Durham, North Carolina 27710.

Genomics (UNITED STATES) Mar 1990, 6 (3) p565-7, ISSN 0888-7543--
Print Journal Code: 8800135

Contract/Grant No.: AG07992; AG; NIA; NS01289; NS; NINDS; NS26630; NS; NINDS

Publishing Model Print

Document type: Journal Article; Research Support, U.S. Gov't, P.H.S.

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Vance J M; Small K W; **Jones M A**; Stajich J M; Yamaoka L H; Roses A D; Hung W Y; Pericak...

... thyroid hormone receptor B loci resulted in a peak lod score of 3.1 confirming **linkage** of VHL to this **region** of chromosome 3. However, the position of VHL relative to the two loci could not be established with

...

23/3,K/4 (Item 1 from file: 73)

DIALOG(R)File 73: EMBASE

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0078216848 EMBASE No: 2000266193

Combined treatment with racemic-DMSA and EDTA for lead mobilization in rats

Kostial K.; Restek-Samarzija N.; Piasek M.; Varnai V.M.; Blanusa M. //

Jones M.M. ; Singh P.K. // Singh P.K. // Blanusa M.

Mineral Metabolism Unit, Inst. for Med. Res. and Occup. Hlth., Zagreb,

Croatia // Department of Chemistry, Vanderbilt University, Nashville, TN, United States // Food Residue and Toxicology Lab., Ellington Agric. Center, Tennessee, Department of Agriculture, Nashville, TN, United States // Inst. for Med. Res. and Occup. Hlth., 2 Ksavarska St., HR-10001 Zagreb, Croatia
AUTHOR EMAIL: mblanusa@imi.hr; mblanusa@imi.hr
CORRESP. AUTHOR: Blanusa M.
CORRESP. AUTHOR AFFIL: Inst. Med. Res. Occupational Health, 2 Ksavarska St., HR-10001 Zagreb, Croatia
CORRESP. AUTHOR EMAIL: mblanusa@imi.hr

Journal of Trace Elements in Experimental Medicine (J. Trace Elem. Exp. Med.) (United States) August 9, 2000, 13/3 (277-284)
CODEN: JTEME ISSN: 0896548X
DOI: 10.1002/1520-670X(2000)13:3<277::AID-JTRA5>3.0.CO;2-2
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 20

...Blanusa M. // Jones M.M ...

...tissue lead were obtained when EDTA therapy was combined with rac-DMSA treatment. Since this **combination** also caused highest urinary trace **element** elimination, **more** data are needed before recommending rac-DMSA for use in combined treatment of lead poisoning...

23/3,K/5 (Item 2 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2008 Elsevier B.V. All rts. reserv.

0075877738 EMBASE No: 1994304013
A biomechanical comparison evaluating the use of intermediate screws and cross-linkage in lumbar pedicle fixation
Dick J.C.; **Jones M.P.**; Zdeblick T.A.; Kunz D.N.; Horton W.C.
Department of Orthopaedic Surgery, Hennepin County Medical Center, 701 Park Avenue, Minneapolis, MN 55415, United States
CORRESP. AUTHOR: Dick J.C.
CORRESP. AUTHOR AFFIL: Department of Orthopaedic Surgery, Hennepin County Medical Center, 701 Park Avenue, Minneapolis, MN 55415, United States

Journal of Spinal Disorders (J. SPINAL DISORD.) (United States)
October 13, 1994, 7/5 (402-407)
CODEN: JSDIE ISSN: 08950385
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English

... **Jones M.P**

...0037, six screw). Our data show the increased multiplanar stiffness of the six-screw, cross- **linked** TSRH construct in immobilizing a **three**

-level lumbar **segment** for fusion.

23/3,K/6 (Item 3 from file: 73)

DIALOG(R)File 73:EMBASE

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0070032004 EMBASE No: 1974032041

Exchange transfusion apparatus

Jones M.E.

Woodend Gen. Hosp., Aberdeen, United Kingdom

CORRESP. AUTHOR AFFIL: Woodend Gen. Hosp., Aberdeen, United Kingdom

Lancet (LANCET) December 1, 1973, 2/7819 (25)

CODEN: LANCA ISSN: 01406736

DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract

LANGUAGE: English

Jones M.E.

The apparatus consists of two 10 ml 'Plastipak' syringes two 'Pharmaseal K 75' three way stopcodes, two pieces of flexible connecting tubing, and a Y piece connection. Only two syringe maneuvres are required to exchange 10...

23/3,K/7 (Item 1 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

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02912787 Genuine Article#: MP224 No. References: 30

Title: MOLECULAR-GENETIC INVESTIGATIONS OF THE MECHANISM OF TUMORIGENESIS

IN VON HIPPEL-LINDAU DISEASE - ANALYSIS OF ALLELE LOSS IN VHL TUMORS

Author(s): CROSSEY PA; FOSTER K; RICHARDS FM; PHIPPS ME; LATIF F; TORY K; **JONES MH**; BENTLEY E; KUMAR R; LERMAN MI; ZBAR B; AFFARA NA; FERGUSONSMITH MA; MAHER ER

Corporate Source: UNIV CAMBRIDGE,ADDENBROOKES HOSP,BOX 134,HILLS RD/CAMBRIDGE CB2 2QQ/CAMBS/ENGLAND/; UNIV CAMBRIDGE,DEPT PATHOL/CAMBRIDGE//ENGLAND/; NCI,IMMUNOBIOL

LAB/FREDERICK//MD/21701;

CANC INST/TOKYO/TOKYO/JAPAN/

Journal: HUMAN GENETICS, 1994, V93, N1 (JAN), P53-58

ISSN: 0340-6717

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

Author(s): CROSSEY PA; FOSTER K; RICHARDS FM; PHIPPS ME; LATIF F; TORY K; **JONES MH**; BENTLEY E; KUMAR R; LERMAN MI; ZBAR B; AFFARA NA;

FERGUSONSMITH MA; MAHER ER

...Identifiers--RENAL-CELL CARCINOMA; LINKAGE ANALYSIS; SMALL REGION ;

SHORT ARM; CHROMOSOME-3 ; MUTATION; HETEROZYGOSITY;
TRANSLOCATION;
POLYMORPHISM; HEREDITARY

?